# Washington Department of Fish and Wildlife (WDFW) Post-recovery Wolf Conservation and Management Plan – DRAFT alternatives matrix

#### Introduction

This document describes conservation and management elements that would be considered in a post-recovery wolf conservation and management plan in Washington. The elements would help shape alternatives that would be analyzed within the Environment Impact Statement (EIS).

The first matrix in this document represents the initial draft of ideas within major topics that form the elements of a post-recovery plan. At this stage of drafting, these are not stand-alone alternatives that would be found in a draft EIS; rather, these ideas are building blocks that will be used to shape alternatives. Each idea within each element can be blended or swapped with alternatives from other elements. As drafted, each alternative is not considered a "package" and they are intended to evolve and change with public input. The spectrums of ideas included in this draft matrix are conservation and management options that WDFW could support, excluding options that the agency considers out of scope (e.g., eliminating wolves from Washington or maintaining the wolf's endangered status after they have reached recovery objectives). Many were derived from public feedback received as part of outreach efforts (public scoping) conducted by WDFW in 2019. Although some elements show only one proposed option, we expect to add to and/or expand options that WDFW could support once discussions with our partners and stakeholders begin. As alternatives become more developed, we will also examine funding and budget considerations.

The second matrix in this document is provided as a reference for definitions for species status and classification, and related considerations. Legal status and classification will be guided by the other elements in this matrix rather than predetermined.

For some issues, it may be reasonable to use current cougar and black bear conservation and management activities as points of reference for post-recovery wolf conservation and management. However, there are several elements and ideas in which wolf conservation and management will differ from cougar and black bear, and will likely be controversial and require more conversation. The following are such elements:

**Translocation and/or relocation of wolves** – WDFW occasionally conducts relocations of cougars and black bears that are not considered a threat to public safety for conflict mitigation reasons, but translocation has not been used to start new populations of cougars or black bears within Washington. Currently, wolves are neither relocated for conflict mitigation nor are they translocated to start new populations in order to meet statewide recovery goals. Both relocation and translocation are contemplated in this matrix.

**Hunting of wolves** – Black bears and cougars are hunted in Washington, while wolves have long been absent from the state. Where recovered, wolf populations are generally robust, resilient, and can support a moderate level of mortality. Considering a hunting season is appropriate as part of the EIS process for a recovered wolf population. However, wolves differ from cougars and black bears in that wolves have a history of near extermination in the continental United States as a result of government control efforts; as such, hunting will likely be the most contentious issue contemplated in the EIS.

**Proactive measures to reduce depredation** – Proactive nonlethal deterrents have been heavily emphasized to reduce depredation losses to wolves and will continue to be emphasized beyond recovery. The current level of nonlethal deterrents required for wolves exceeds what WDFW recommends for cougar and black bear conflict management.

Wolf collar data sharing – Different from any other species, wolf collar locations are currently shared on a limited basis with livestock producers and local county government officials who sign a sensitive fish and wildlife data sharing agreement. No other wildlife locations are shared in the same way. Wolf data sharing is dependent upon collaring efforts, which are likely to be reduced over time due to cost and data needs. Data sharing agreements were implemented to help livestock producers understand wolf movements and proximity to livestock to help producers adjust to the novel presence of wolves on the landscape. Data sharing (as applied in Washington) has not been verified as an effective proactive, nonlethal strategy for curbing livestock depredations and it may become less effective as a smaller proportion of the increasing wolf population is collared. However, managing livestock with wolves may still be a novel experience for livestock operators even post-recovery. Data sharing is a current expectation and valued by some livestock operators in occupied wolf habitat. Data sharing may no longer be feasible if wolves become a hunted species.

**Payment for indirect losses** – Different from any other species, WDFW offers payment for indirect losses to livestock (e.g., decreased birth rates, decreased livestock weights, etc.) attributed to wolves. WDFW contemplates possible changes to these payments in the alternatives matrix.

**Wolf-ungulate interactions** – The matrix suggests wolf management addressing impacts to at-risk ungulate populations be included in the Game Management Plan because it is updated every six years and allows for adaptive management; this would make it consistent with black bear and cougar management.

## Washington Department of Fish and Wildlife - Post-recovery Wolf Conservation and Management Plan - DRAFT alternatives matrix

\*For more ideas for discussion, please review the <u>Scoping Comments Summary</u>.

from t	ents to consider <i>(pages referenced are</i> the 2011 Wolf Conservation and gement Plan)	Alternative	Alternative	Alternatives TBD	Status Quo Alternative (No Action – 2011 Wolf Conservation and Management Plan)	
Wolf o	conservation, management, monitoring, ar	nd evaluation				
1.	Number of regions (pg. 59, 281)	Development of wolf regions based on wolf metapopulations/habitat suitability/permeability, GMU, or ecotype	No divisions or zones of any kind—wolves managed consistently across state	East and West regions	1. Eastern Washington 2. Northern Cascades 3. Southern Cascades/ Northwest Coast	
-	<ul> <li>Divisions based on the GMU level, number of packs within a GMU (intent to influence individual packs), or ecotypes/prey availability (use divisions used to define ungulate habitat)</li> <li>East and West Zone (see Oregon's updated 2019 wolf plan)</li> <li>Divide southern cascades and NW coast back to two regions (with Olympic Peninsula separate) for a total of four regions, as proposed in one of the alternative in the the 2011 Plan EIS</li> <li>Maintain status quo (three regions) for consistency with existing public understanding/knowledge</li> </ul>					
2.	Consider federal designation and federal post-de Number and distribution of successful breeding pairs [or packs] (pg. 64, 71, 280)					
	Relist as Sensitive				Downlist to Threatened (6 successful breeding pairs, 2 in each recovery region)	
	Relist as Threatened				Downlist to Sensitive (12 successful breeding pairs – 4 in	

				E WA, 3 in N Cas, 5			
				in S Cas/NW coast)			
Relist as Endangered				Delist			
				(15 successful			
				breeding pairs – 4 in			
				each plus 3			
				anywhere)*** look at			
				old EIS			
Ideas for discussion:							
- The modeling exercise currently underway desig	ned to inform the Periodic S	Status Review of Gray Wolves:	in Washington wi	ill guide these			
thresholds. This information will be based on th	e biological status of the po	pulation and will not be predet	ermined.				
3. New $\rightarrow$ Wolf conservation and	Monitoring focused on	No formal	Status quo	Wolf population			
monitoring (pg. 136)	population level	monitoring/population	population	monitored through a			
5 <b>u</b> b /	estimates (e.g., occupied	surveys conducted.	monitoring	direct minimum			
	area) rather than	Monitoring based on	(direct	count of known			
	breeding pairs, den sites,	current needs or actions.	minimum	individuals, packs,			
	etc.		count) for a	and breeding pairs.			
			certain time				
			period post-				
			delisting, after				
			which				
			transition to				
			Alt. 1.				
Ideas for discussion:							
- Population monitored based on modeling with i	nputs that could be kept up	dated					
- Monitor to ensure population stays at least abov			d Management Pl	an			
- Movement toward less invasive monitoring as w			-				
monitoring? Regionally based?	22.22 22.22 22.23 (8) 22.3						
0 0 .	- Disease/health manitoring - not its own element, but should be mentioned in plan						

- Disease/health monitoring not its own element, but should be mentioned in plan.
- Emphasize maintenance of integrity of wolf social pack structure
- Effects of climate change addressed in plan.
- Use size of a wolf pack as a metric for breeding pairs
- Wolf density measured in comparison to local ungulate herd (estimated number wolves/estimated herd size)
- How frequently, if needed, would an annual wolf report be necessary?

1 1, ,				
4. New $\rightarrow$ Tribal/cultural aspects of wolf	WDFW will coordinate	WDFW will coordinate and	WDFW will	WDFW will
management	and collaborate with	collaborate with individual	coordinate	coordinate and
0	individual tribes.	tribes.	and	collaborate with
			collaborate	individual tribes.
			with	

					individual	
					tribes.	
Ideas fo	or discussion:					
5.	New → Cross- boundary/interagency/government-to- government coordination	If wolves are hunted, incorporate into coordination concerning other game species	Coordinate inconeeded with o and tribes			Status quo – use an Interagency Wolf Committee to coordinate across agencies and tribes and coordinate individually as needed
Ideas fo	or discussion:					
6.	New → Translocation of wolves from one area of Washington to another (pg. 69, 141, 282)	Translocation of wolves within Washington would be available as a tool if wolves are in danger of relisting (becoming sensitive, threatened, or endangered) or due to unforeseen stochastic events (e.g., disease outbreak).	Translocation Allow continu expansion of r establishment Washington th dispersal from states and with and not throug translocation.	ed natural range and of packs in arough adjacent ain the state	If determined necessary by the Director, translocation of wolves within Washington would be available as a tool if wolves do not meet 2011 Plan recovery objectives.	Available as a tool requiring additional SEPA analysis.
<ul> <li>Ideas for discussion:         <ul> <li>Wolves will not be translocated to areas where they would be listed as federally endangered.</li> <li>Introductions of wolves from outside Washington into the state will not be considered unless wolves are in danger of extirpation from the state and robust populations (based on biological data) cannot be maintained by wolves within Washington's borders.</li> <li>Opportunistic relocation of individual wolves for mitigating nuisance or conflict is allowed statewide within occupied wolf range in Washington. Relocation does not require a public process and is not used to facilitate dispersal.</li> </ul> </li> <li>New → Hunting of wolves (pg. 70) Hunting not allowed Use of Specially Implement a Not allowed.</li> </ul>						
7.	New → Hunting of wolves (pg. 70)	(this does not preclude WDFW from managing wolves for conflict or ungulate management).	hunters may be implemented as needed as a tool for a	qualified and permitted hunters may be used for	regulated hunting season (not a general or open season)	1 NOT AHOWCU.

		specific and dedicated management objective.	a specific and dedicated management objective.	through Game Management Plan and Commission process if/when populations are robust enough to	
				support hunting.	
Ideas for discussion:				munung.	
- Consider species designation and license require	ments (i.e., specialized perm	its). May requir	e legislation to	create separate lic	cense/fees for wolf
hunting.  8. New → Reporting and legal status evaluation					WDFW produces an annual report detailing the minimum number of individual wolves, packs, and breeding pairs in the state.
Ideas for discussion:				•	
- Dependent on elements above - too early to det	rermine				
Land management					
9. Manage for landscape connectivity (pg. 151)	Support wildlife habitat enhancements, crossing structures, and processes that maintain connectivity between habitat for multiple species				Expand existing efforts to maintain and restore habitat connectivity for wolves.
Ideas for discussion:					
10. New → Land management (pg. 130)	Status quo - Grazing/wolf management on WDFW lands use Lands Division work. Wolf				Grazing/wolf management on WDFW lands use Lands Division work. Wolf management

Ideas for discussion:	management practices remain the same regardless of land ownership, excluding areas where wolves remain federally listed/NPS lands/tribal lands.			practices remain the same regardless of land ownership, excluding areas where wolves remain federally listed/NPS lands/tribal lands.
- What aspects of management are different on	public and private lands? By	land ownership?		
- Federal land management is outside the scope		1		
11. New → Wilderness impacts  Ideas for discussion:	Any wolf conservation and management activities in wilderness areas will abide by laws governing wilderness areas or appropriately permitted by USFS.	Any wolf conservation and management activities in wilderness areas will abide by laws governing wilderness areas or appropriately permitted by USFS.	Any wolf conservation and management activities in wilderness areas will abide by laws governing wilderness areas or appropriately permitted by USFS.	Any wolf conservation and management activities in wilderness areas will abide by laws governing wilderness areas or appropriately permitted by USFS.
- Will WDFW manage wolves differently (e.g.,	have different approaches to i	monitoring and conflict) in wild	lerness areas than	other federal lands?
Wolf-livestock conflict				
12. Proactive measures to reduce depredation (pg. 89)	Proactive measures consistent with other species (e.g., black bear and cougar). Conflict specialists are in an advisory role (less implementation). Gradual phasing out of DPCA-L and/or contracted range rider programs (or transfer to			WDFW will provide technical assistance to livestock operators to implement proactive measures to reduce conflicts.  Assistance with some costs may be paid by non-profit organizations or other entities on a limited

	appropriate state or private entity)—aim for			basic. Funding provided through
	five years after delisting.			DPCA-Ls and
	Chart 5-year phasing out			contracted range
	in plan.			riders.
Ideas for discussion:	пі ріан.			nucis.
- Intermediate option between status quo and bla	alr boom and govern			
	<u> </u>			
- Original plan says proactive measures will be en		grand to the	11 . 1	. 1 11
<ul> <li>Consider focusing resources on those new to exversed in nonlethal deterrents.</li> </ul>			•	apport and are well
- Protocol guides the use of these—what do we k	eep or change? Incorporate	e or reference protocol in new p	lan?	
- Should Washington work to become a national	leader in the application of	effective non-lethal deterrents?		
- Given the technology resources available in the	Northwest, are we uniquely	positioned to explore new solu	itions?	
13. Use of non-lethal injurious harassment	Allow without special			Allowed with a
(i.e. striking wolves with non-lethal	authorization consistent			permit and training
projectiles, such as rubber bullets, pg.	with any other non-			from WDFW during
87)	listed species.			all listed statuses; will
/				be reconsidered
				during Endangered
				status if used
				inappropriately or a
				mortality occurs
				under this provision.
Ideas for discussion:				
14. New → Wolf collar data sharing	No wolf collar location	Wolf collar location data		Share wolf collar
	data sharing consistent	sharing with specific		locations with
	with black bears,	government partners (e.g.,		livestock producers
	cougars, elk, etc.	tribes, USFS, NPS)		and government
				officials who sign a
				sensitive fish and
				wildlife data sharing
				agreement.
Ideas for discussion:				
- Considerations pertaining to data sharing if WD				
- Considerations pertaining to data sharing if other			ns	
- Considerations regarding percieved agency oblig		meet any of these alternatives		
15. New → Depredation	Status quo -			Responsibility
response/investigations (pg. 143)	responsibility			maintained by

	maintained by WDFW			WDFW consistent				
	consistent with black			with black bear and				
	bear and cougar.			cougar.				
Ideas for discussion:	bear and cougar.	<u> </u>		cougar.				
- Depredation response applies to lawfully presen		<u>oi</u>						
	Allowed, consistent with	Allowed, consistent with		Allowed, consistent				
16. Lethal control by state/federal agents	state and federal law.	state and federal law.		with state and federal				
of wolves involved in repeated livestock	May be conducted by	Conducted by WDFW		law. WDFW may				
depredations (pg. 86, 88)	state or federal	consistent with other		consider issuing a				
	employees or agents.	depredation removal (e.g.,		permit to a livestock				
	employees of agents.	black bear and cougar), or		owner to conduct				
		federal employees.		lethal control on				
		rederar employees.		private land they own				
				or lease if WDFW				
				does not have the				
				resources to address				
				control.				
Ideas for discussion:				COLLEGIA				
THE TOT MISCHALLES								
17. Permitted lethal control by livestock	Allowed by WDFW			Allowed with an				
owners (including family members and	permit, consistent with			issued permit on				
authorized employees) of wolves	black bear and cougar.			private lands and				
involved in repeated livestock	Permit conditions may			public grazing				
depredations (pg. 86, 88)	include but are not			allotments they own				
depredations (pg. 00, 00)	limited to number of			or lease when wolves				
	animals, area, time limit.			reach Sensitive status.				
Ideas for discussion:								
18. Lethal take of wolves in the act of	Keep consistent with	Revise WAC 220-440-080		Allowed, consistent				
attacking (pursuing, biting, wounding,	WAC 220-440-080.	to be consistent with black		with WAC 220-440-				
or killing) livestock (pg. 87, 88)		bear and cougar.		080. Supercedes 2011				
or kinning) investock (pg. 07, 00)		G		Plan language below:				
				0 0				
				Allowed by livestock				
				owners, (including				
				family members and				
				authorized				
				employees) on private				

				land they own or lease at all listed statuses, with an issued permit, after documented depredation (injury or killing) in the area and efforts to resolve the problem have been deemed ineffective. Would trigger a review by WDFW if used inappropriately or if 2 mortalities occur under this provision in a year. WDFW would evaluate the circumstances of the mortalities and determine if it would continue issuing permits.	
Ideas for discussion:					
19. Lethal take of wolves in the act of attacking (pursuing, biting, wounding, or killing) domestic animals (e.g., dogs)	Keep consistent with WAC 220-440-080.	Consistent with black bear and cougar response on private property.		Allowed, consistent with WAC 220-440-080. Supercedes 2011 Plan language below:	
<ul> <li>Ideas for discussion: <ul> <li>Outreach/education needed—outreach materials related to dogs?</li> <li>What about hunting dogs in wolf territories? Allow for take of wolves in the act of killing a hunting dog on public land? What about hunting dogs engaging in agency-sanctioned work?</li> </ul> </li> </ul>					
20. Payment for livestock depredation (pg. 90)	Provide compensation consistent with cougar	Provide compensation for wolf damages (could remain	Five years after delisting, gradually	On grazing sites of 100 or more acres, and where the agency	

(WAC 220-440-170,	consistent with WAC 220-	transfer to a	determines that it
WAC 220-440-180).	440-180)	different	would be difficult to
		appropriate	survey the entire
		entity or	acreage, full current
		source. Chart	market value for two
		5-year phasing	animals for each
		out in plan.	confirmed
			depredation.
			It would not include
			double payment if all
			other animals are
			accounted for.
			On sites of less than
			100 acres, full current
			market value for each
			confirmed
			depredation. Losses
			covered on both
			private and public
			lands.

#### Ideas for discussion:

- 2011 Wolf Plan, pg. 94: "Upon delisting, compensation for livestock depredations may transition to the provisions contained within WAC 232-36 for other predators, and could eventually be phased out depending on the type of management tools that are authorized and the flexibility of control options available to livestock owners. It is assumed that a new management plan will accompany delisting and the need for continued compensation will be evaluated at that time."
- Payments differ by land ownership?
- Use existing compensation programs for damage by other species?
- Are injured animals sold at market eligible for compensation?
- Are landowners eligible for a limited time if wolves have moved into a new area and landowners are still learning about conflict mitigation methods?
- Compensation only applies to lawfully present livestock

Compensation only applies to lawrany present investoes						
21. New $\rightarrow$ Payment for indirect losses	Indirect compensation	Indirect compensation not	Five years	WDFW pays		
	not provided.	provided. Combine	after delisting,	documented claims		
		payment for direct and	gradually	for indirect losses.		
		indirect losses by adding a	transfer to a			
		multiplier on direct losses.	different			
			appropriate			
			entity or			
			source. Chart			

		5-year phasing			
		out in plan.			
Ideas for discussion:		out in plan.			
- "Pay for presence" is another indirect compensation method that could be considered.					
Tay for processes to amount mander compensation means a time count to constant and					
Wolf-ungulate interactions					
22. Ungulate management (pg. 147)	Follow guidance		Manage for healthy		
	provided in Game		ungulate populations		
	Management Plan.		through habitat		
			improvement, harvest		
			management, and		
			reduction of illegal		
			hunting, consistent		
			with game		
			management plans.		
Ideas for discussion:					
- Ungulate management guidelines are included a					
23. Wolf-ungulate interactions (pg. 148)	Wolf management to		If the Department		
	address impacts to at-		determines that wolf		
	risk ungulate		predation is a primary		
	populations will be		limiting factor for at-		
	documented in Game		risk ungulate		
	Management Plan		populations and the		
	(because it is updated		wolf population in		
	every six years and		that recovery region is		
	allows for adaptive		healthy, it could		
	management).		consider moving of		
			wolves, lethal control,		
			or other control		
			techniques in		
			localized areas.		
			The status of wolves		
			statewide as well as		
			within a specific wolf		
			recovery region where		
			ungulate impacts are		
			occurring would be		
			considered in		
			decision-making		

			relative to wolf
			control. Decisions
			will be based on
			scientific principles
			and evaluated by
			WDFW.
<u>Ideas for discussion:</u>			
- Redefine at-risk ungulate population and thr	reshold for control of wolves?		
- The updated wolf plan does not define the s	specifics, each six-year Game Management P.	lan does based on current wol	f/ungulate population
trends.	process, and a supplied and a suppli		r, 8 11- 11- 11- 11- 11- 11- 11- 11-
Other elements			
24. Outreach and education <i>(pg. 152)</i>	WDFW will provide		Use WDFW staff to
21. Oddieden and eddeadon (pg. 132)	ongoing outreach and		conduct outreach and
	education efforts		education programs.
	regarding wolf		eddeadon programs.
	conservation and		
	management. WDFW		
	will continue to build		
	upon partnerships and		
	collaboration with		
	NGOs.		
Ideas for discussion:			
- Ecotourism will be discussed within this eler	ment. WDFW is supportive of wildlife watch	ung opportunities.	
neotodiisiii wiii be disedseed withiii tiils elei	* *	O 11	
- Should outreach be focused to help educate	communities as wolves move into areas for	O 11	
<ul><li>Should outreach be focused to help educate</li><li>How frequently, if needed, would an annual</li></ul>	communities as wolves move into areas for wolf report be necessary?	O 11	WDFW collaborates
- Should outreach be focused to help educate	communities as wolves move into areas for wolf report be necessary?  Research will be based	O 11	WDFW collaborates
<ul><li>Should outreach be focused to help educate</li><li>How frequently, if needed, would an annual</li></ul>	communities as wolves move into areas for wolf report be necessary?  Research will be based on conservation and	O 11	annually on several
<ul><li>Should outreach be focused to help educate</li><li>How frequently, if needed, would an annual</li></ul>	communities as wolves move into areas for wolf report be necessary?  Research will be based on conservation and management needs and	O 11	annually on several research projects
<ul><li>Should outreach be focused to help educate</li><li>How frequently, if needed, would an annual</li></ul>	communities as wolves move into areas for wolf report be necessary?  Research will be based on conservation and management needs and will be assessed	O 11	annually on several research projects detailed in each
<ul><li>Should outreach be focused to help educate</li><li>How frequently, if needed, would an annual</li></ul>	communities as wolves move into areas for wolf report be necessary?  Research will be based on conservation and management needs and will be assessed periodically to	O 11	annually on several research projects
<ul><li>Should outreach be focused to help educate</li><li>How frequently, if needed, would an annual</li></ul>	communities as wolves move into areas for wolf report be necessary?  Research will be based on conservation and management needs and will be assessed periodically to determine where	O 11	annually on several research projects detailed in each
<ul><li>Should outreach be focused to help educate</li><li>How frequently, if needed, would an annual</li></ul>	communities as wolves move into areas for wolf report be necessary?  Research will be based on conservation and management needs and will be assessed periodically to determine where resources for studies are	O 11	annually on several research projects detailed in each
<ul> <li>Should outreach be focused to help educate</li> <li>How frequently, if needed, would an annual</li> <li>25. New → Research (pg. 156)</li> </ul>	communities as wolves move into areas for wolf report be necessary?  Research will be based on conservation and management needs and will be assessed periodically to determine where	O 11	annually on several research projects detailed in each
<ul> <li>Should outreach be focused to help educate</li> <li>How frequently, if needed, would an annual</li> <li>25. New → Research (pg. 156)</li> </ul> Ideas for discussion:	communities as wolves move into areas for wolf report be necessary?  Research will be based on conservation and management needs and will be assessed periodically to determine where resources for studies are directed.	O 11	annually on several research projects detailed in each
<ul> <li>Should outreach be focused to help educate</li> <li>How frequently, if needed, would an annual</li> <li>25. New → Research (pg. 156)</li> <li>Ideas for discussion:         <ul> <li>Continue long-term predator/prey interaction</li> </ul> </li> </ul>	communities as wolves move into areas for wolf report be necessary?  Research will be based on conservation and management needs and will be assessed periodically to determine where resources for studies are directed.	O 11	annually on several research projects detailed in each
<ul> <li>Should outreach be focused to help educate</li> <li>How frequently, if needed, would an annual</li> <li>25. New → Research (pg. 156)</li> </ul> Ideas for discussion:	communities as wolves move into areas for wolf report be necessary?  Research will be based on conservation and management needs and will be assessed periodically to determine where resources for studies are directed.	O 11	annually on several research projects detailed in each
<ul> <li>Should outreach be focused to help educate</li> <li>How frequently, if needed, would an annual</li> <li>25. New → Research (pg. 156)</li> <li>Ideas for discussion:         <ul> <li>Continue long-term predator/prey interaction</li> </ul> </li> </ul>	communities as wolves move into areas for wolf report be necessary?  Research will be based on conservation and management needs and will be assessed periodically to determine where resources for studies are directed.  on studies peer-reviewed studies on a regular basis	O 11	annually on several research projects detailed in each
- Should outreach be focused to help educate - How frequently, if needed, would an annual  25. New → Research (pg. 156)   Ideas for discussion: - Continue long-term predator/prey interaction - Compile/consult latest in- and out-of-state page 1.	communities as wolves move into areas for wolf report be necessary?  Research will be based on conservation and management needs and will be assessed periodically to determine where resources for studies are directed.  on studies peer-reviewed studies on a regular basis	O 11	annually on several research projects detailed in each

group to provide guidance to WDFW of implementation of the post-recovery plan.	group to provide guidance to WDFW of implementation or the 2011 Wolf Plan.					
Ideas for discussion:  - What is role of Wolf Advisory Group post-recovery? Is group maintained or changed to another format (e.g., regional groups)?						



## **FOR REFERENCE**

Legal status/classification paths for wolves post-recovery – DRAFT

Note: Legal status and classification will be guided by the other elements in this matrix rather than predetermined.

Conservation/	Unclassified	Game			Protected wildlife	
management action		Game	Big game	Furbearer	Game without season	
Definition	"Unclassified wildlife" means wildlife existing in Washington in a wild state that have not been classified as big game, game animals, game birds, predatory birds, protected wildlife, endangered wildlife, or deleterious exotic wildlife (RCW 77.08.010).	"Game animals" means wild animals that shall not be hunted except as authorized by the commission (RCW 77.08.010, WAC 220-400-020).	Same definition as game, species designated in RCW 77.08.030	"Fur-bearing animals" means game animals that shall not be trapped except as authorized by the commission (RCW 77.08.010, WAC 220-400-020).	Same as other game designations without authorized season	"Protected wildlife" means wildlife designated by the commission that shall not be hunted or fished (RCW 77.08.010).
Example species	Coyote, skunks, opossum, mice, moles, rats, porcupine, nutria	Rabbits, fox, raccoon, bobcat, bullfrog	Elk, deer, moose, cougar, bear	Bobcat, beaver, river otter, fox, badger, raccoon	Sage grouse, sharp-tailed grouse, pronghorn	Pika, marmot, squirrel spp., wolverine, all cetaceans/pinnipeds not otherwise classified
Recreational take provisions	Year-round take, no bag limit	Place, time, and manner Management Plan	determined by (	Commission, describe	ed in <u>Game</u>	None - "wildlife designated by the commission that shall not be hunted or fished"
Penalty for illegal take	N/A	RCW 77.15.430	RCW 77.15.420 (penalties range from \$2,000- \$12,000 depending on species)	RCW 77.15.190	Same as other game designations without authorized season	RCW 77.15.130 (penalties currently \$2,000 for designated species)

Allow for lethal removal for depredation (by agency)	Yes	Yes, at agency/Commission discretion			Yes, at agency/Commission discretion	
Allow for lethal removal for depredation (by public)	Yes	Yes, at agency/Commission discretion			Yes, at agency/Commission discretion	
Allow for lethal removal for human safety (by agency)	Yes	Yes, at agency/Commission discretion			Yes, at agency/Commission discretion	
Allow for lethal removal for human safety (by public)	Yes	Yes, at agency/Commission discretion			Yes, at agency/Commission discretion	
Allow for lethal removal based on at-risk ungulate populations (by agency)	Yes	Yes, at agency/Commission discretion			Yes, at agency/Commission discretion	
Allow for lethal removal based on at-risk ungulate populations (by public)	Yes	Yes, at agency/Commission discretion			Yes, at agency/Commission discretion	
Allow for hunting	Yes	Yes			No	
Funding source	General Fund, Wildlife - State	General Fund, Wildlife – State, federal Pittman-Robertson, federal Tester (NOTE: Tester is not a broadly applicable fund and may not need to be on this list)			General Fund, Wildlife – State, PLP, WLP, Federal grants	
List of RCWS and WACS to be amended to move to this status	- <u>WAC 220-610-010</u> (wildlife classified as endangered species)	- WAC 220-610-010 (wildlife classified as endangered species) - WAC 220-400-020 (classification of wild animals)	- WAC 220- 610-010 (wildlife classified as endangered species) - RCW 77.08.030 "Big game defined"	- WAC 220-610- 010 (wildlife classified as endangered species) - WAC 220-400- 020 (classification of wild animals)	- WAC 220-610-010 (wildlife classified as endangered species) - WAC 220-400-020 (classificatio n of wild animals)	- WAC 220.610.010 (wildlife classified as endangered species) - WAC 220-200-100 (wildlife classified as protected shall not be hunted or fished)

#### **Classification definitions**

### Recreational hunting allowed

Defined in <u>RCW 77.08.010</u>:

- **Game animal** Wild animals that shall not be hunted except as authorized by the commission. They can only be hunted under rules created by the Commission and they could be killed if causing property damage.
- Furbearer A species whose hide has a commercial value in the fur industry, may be trapped or hunted depending on species.
- Unclassified A species that can be trapped or hunted year-round, no bag limit set.

#### No recreational hunting allowed

Defined in <u>WAC 220-610-110</u>:

- **Endangered** Any wildlife species native to the state of Washington that is seriously threatened with extinction throughout all or a significant portion of its range within the state.
- Threatened Any wildlife species native to the state of Washington that is likely to become an endangered species within the foreseeable future throughout a significant portion of its range within the state without cooperative management or removal of threats.
- Sensitive Any wildlife species native to the state of Washington that is vulnerable or declining and is likely to become endangered or threatened in a significant portion of its range within the state without cooperative management or removal of threats.
- "Significant portion of its range" means that portion of a species's range likely to be essential to the long-term survival of the population in Washington.

Defined in RCW <u>77.12.020</u> and <u>RCW 77.08.010</u>:

• **Protected** – Wildlife designated by the commission that shall not be hunted or fished. They are not subject to hunting, but could be killed if causing property damage issues. Subject to criminal wildlife penalty as assessed in <a href="RCW 77.15.130">RCW 77.15.130</a>.